Original/Duplicate/Triplicate

No. 1st & FINAL BILL

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division DD

Sub-Division

Bill Received No. ..... Dated .....

Cash Book Voucher No. ..... Dated :.....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **IMPROVEMENTS AND ASPHALTING TO 9TH AND 10TH MAIN BHUVANESHWARI NAGARA (LEFT SIDE AND RIGHT SIDE) 1ST MAIN BRUNDAVANA LAYOUT AND CROSS ROADS IN BAGALAGUNTE WARD NO. 14 DASARAHALLI SUB DIVISION**

Name of Contractor and Full Address **M/S.MAHENDRA ENGINEERING WORKS, PROP. G.VENKATESH**

Reference to Agreement No. **EE/DD/WO/ 95 / 2017-18** Date: **05.06.2017**

Certified that the measurements were taken by me on 31/8/2017 and recorded in pages 6 to 9, 10, 12 to 15, 17 of measurements Book No. 6.104(1) and that the work is satisfactorily executed.

Contractor **Officer - in - charge of work**

Certified that the measurements were checked by me on 31/8/17 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **JOB NO : 014-17-000015**

Sub - Division Officer

			AMOUNT
1.	Total value of work done or supplies made as per account.	--	
2.	Deduct amount to be held in reserve being ..... percent Rs.	--	
3.	- do - Balance	--	
4.	Deduct Payments :		
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.		
	Amount adjusted towards cash advance recovery of		
	b) Payments cost store or other materials supplied.		
5.	Balance being unpaid value of work done held in reserve	Total --	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments		
7.	Net amount due to or from contractor		
	Unadjusted items		
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.		
		Total amount adjusted --	

Contractor Signature

Received Rs. ..... (in words)

.....

..... by cash and by adjustment of

Payment as per memorandum.

(For use in the Office)

(In final settlement of all demand)

Witness :

1.

2.

Stamp

Date

Signature of Contractor

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an a upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breakir complete as per specifications.
2	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to a desired density, complete as per specifications. for coarse graded granular sub-base material as per 400-2. For Material. MORTH Chapter 4
3	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including pre Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired densit as per specifications.
4	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as W including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means comp
5	Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the require grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, l of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 using 40/60 TPH capa with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen
6	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bag compressed air to rceive bituminous treatment including cost of all materials, labour, HOM of machineries comp specifications.
7	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2. sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all mater HOM of machineries complete as per specifications.
8	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specifi premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the req level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as specification clause No.500.9 complete in all respects complete as per specifications. MORTH Specification No 40/60 TPH capacity HMP with sensor paver Gr-II (30 to 45mm) with 6% VG-30 Bitumen
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of th 4km a) Basic rate for haulage of materials as per Item No.17.4/KSRRB :M100-4.1 .....rs.2.00 Tonne/Km b) Av of work 1.28 Tonne/Km for Rs.2.00/km c) Add loading and unloading
	Total

CERTIFICATE:

1 Work done is satisfactory
2 There are no departmental issuesmade to the contractor
3 The contractor has cleared all debrice from work spot

	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
	st	Qty	Cost	Qty	Rate	Cost	Qty	Cost	
					Rs. Ps.				
erage lift of clods	Cum			356.16	79.00	28137.00	356.16	28137.00	
rader on ieve the Grading I	Cum			118.72	1373.00	163003.00	118.72	163003.00	
ixing the ith paver complete	Cum			273.06	1599.00	436623.00	273.06	436623.00	
M, WMM e as per	Sqm			1187.20	25.00	29680.00	1187.20	29680.00	
rmula for hot mix evel and and cost y H.M.P.	Cum			59.36	4736.00	281129.00	59.36	281129.00	
and / or e as per	Sqm			2968.00	3.00	8904.00	2968.00	8904.00	
g per 10 , labour,	Sqm			2968.00	11.00	32648.00	2968.00	32648.00	
grading, d grade, MORTH 09. using	Cum			186.98	6490.00	1213500.00	186.98	1213500.00	
ork, lead ge earth	Cum			356.16	73.00	26000.00	356.16	26000.00	
						2219624.00		**2219624.00**	

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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು